Product Name: CRBP-III Rabbit Polyclonal Antibody
Catalog #: APRab09369
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight	

Antigen Information

Gene Name	RBP5
Alternative Names	RBP5; Retinol-binding protein 5; Cellular retinol-binding protein III; CRBP-III; HRBPiso
Gene ID	83758.0
SwissProt ID	P82980
Immunogen	The antiserum was produced against synthesized peptide derived from human CRBP III. AA range:10-59

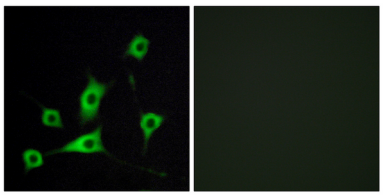
Background

retinol binding protein 5(RBP5) Homo sapiens The protein encoded by this gene is a cellular retinol-binding protein

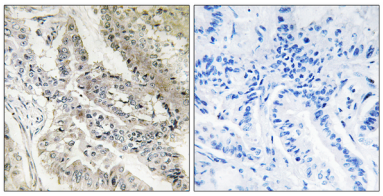
expressed highly in kidney and liver. Down-regulation of the encoded protein in hepatocellular carcinoma was associated with large tumor size and poor patient survival rates. [provided by RefSeq, Jul 2016],domain:Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.,function:Intracellular transport of retinol.,similarity:Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.,tissue specificity:Higher expression in adult kidney and liver and to a lesser extent in adult and fetal spleen, adult lymph nodes and appendix, and fetal liver and kidney. Strongly decreased in hepatocellular carcinoma tissues (at protein level).,

Research Area

Image Data



Immunofluorescence analysis of LOVO cells, using CRBP III Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CRBP III Antibody. The picture on the right is blocked with the synthesized peptide.